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NPIC/R-1149/63

March 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3477
9 MARCH 1963

OPS FILES



ARMY



NAVY



AIR FORCE

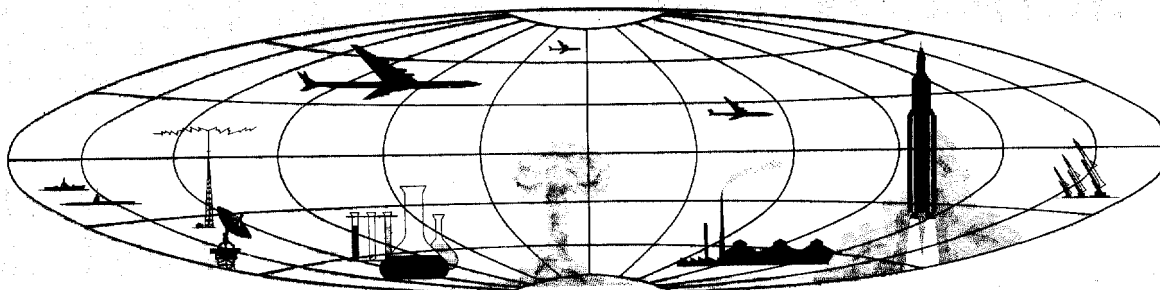


CIA

DOCUMENT NO. _____
NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S **2012**
NEXT REVIEW DATE: _____
AUTH: HR 10-2
DATE: **21 MAY 1982** REVIEWER: **0109599**

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

DECLASS REVIEW by NIMA/DOD



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GROUP 1
Excluded from automatic
downgrading and declassification

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3477, DATED 9 MARCH 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

GUANAJAY IRBM SITE 1 2257N 08239W



25X1A

SITE APPEARS ABANDONED.



25X1D

GUANAJAY IRBM SITE 2 2257N 08236W



25X1A

NO ACTIVITY AT SITE. APPROXIMATELY 10 CARGO TRUCKS ARE IN AREA BETWEEN SITES 1 AND 2.



25X1D

25X1A

TAPASTE AREA, STORAGE SITES 2303N 08207W



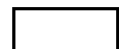
NO APPARENT CHANGE.



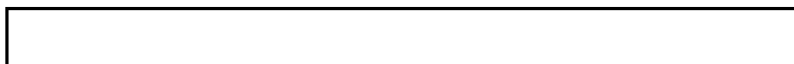
25X1D

25X1A

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W



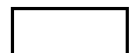
NO MISSILE OR MILITARY ACTIVITY OBSERVED.



25X1D

25X1A

MATANZAS SAM SITE 2301N 08129W



SITE CONTAINS 6 PROBABLE LAUNCHERS, GUIDANCE AREA, AND 7 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS.

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25X1D



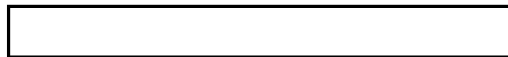
25X1A

HAVANA SAM SITE 2309N 08213W



SITE CONTAINS 6 LAUNCHERS, GUIDANCE EQUIPMENT,
2 MISSILE TRANSPORTERS NEAR HOLD POSITION, 6 PROBABLE
BOGIE WHEELS, AND NUMEROUS VEHICLES, ALL
CANVAS-COVERED.

25X1D



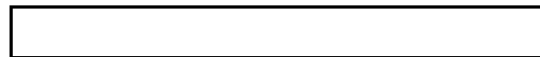
25X1A

CIENFUEGOS SAM SITE 2202N 08024W



SITE CONTAINS 6 CANVAS-COVERED LAUNCH POSITIONS
(5 WITH POSSIBLE MISSILES), CANVAS OR NET-COVERED
HOLD POSITIONS AND CANVAS-COVERED GUIDANCE AREA.
POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D



25X1A

JIGUANI SAM SITE 2021N 07620W



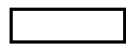
AT LEAST 5 MISSILE TRANSPORTERS IN HOLD POSITION
OBSERVED. GUIDANCE AREA IS OCCUPIED. POOR IMAGE
QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D



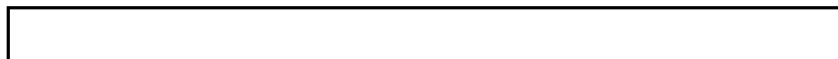
25X1A

MANZANILLO SAM SITE 2018N 07706W



SITE CONTAINS 6 OCCUPIED LAUNCH POSITIONS AND 7
MISSILE TRANSPORTERS IN HOLD POSITION. GUIDANCE
AREA IS OCCUPIED.

25X1D



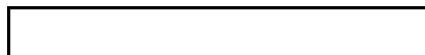
25X1A

SANTIAGO DE CUBA SAM SITE 1959N 07550W



SITE CONTAINS 6 OCCUPIED CANVAS-COVERED LAUNCH
POSITIONS, 7 MISSILE TRANSPORTERS IN HOLD POSITION
AND AN OCCUPIED GUIDANCE AREA.

25X1D



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25X1A

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

AREA CONTAINS 25 MISSILE TRANSPORTERS, 2 TRUCK-MOUNTED
CRANES, APPROXIMATELY 50 VEHICLES, AND NUMEROUS
MISSILE CANISTERS.

25X1D

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N 08221W

NO APPARENT CHANGE IN CLOUD-FREE PORTION.
OBLIQUITY PRECLUDES DETAILED INTERPRETATION.

25X1D

25X1A

CIEGO DE AVILA SAM SITE 2142N 07850W

SITE CONTAINS 6 UNREVETTED CANVAS-COVERED LAUNCH
POSITIONS, UNREVETTED CANVAS-COVERED GUIDANCE AREA,
AND 5 CANVAS-COVERED MISSILE TRANSPORTERS IN HOLD
AREAS. SCATTERED CLOUDS PRECLUDE FURTHER
INTERPRETATION.

25X1D

25X1A

MANAGUA SAM SITE 2259N 08215W

SITE APPEARS COMPLETE BUT UNOCCUPIED. NO ACTIVITY
OBSERVED IN CLOUD-FREE AREA.

25X1D

25X1A

CERCA DE PIEDRA, SUSPECT SAM SUPPORT AREA 2004N 07551W

NO MILITARY ACTIVITY IN THIS AREA.
SEE SANTIAGO DE CUBA SAM ASSEMBLY AREA.

25X1D

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25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

NO APPARENT CHANGE.

25X1D

25X1A

LA SIERRA CRUISE-MISSILE SITE 2156N 08019W

NO ACTIVITY OBSERVED. SITE ABANDONED.

25X1D

25X1A

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

NO APPARENT CHANGE IN CLOUD-FREE PORTIONS.

25X1D

-AIRFIELDS-

25X1A

LOS CANOS AIRFIELD 2004N 07509W

NO AIRCRAFT OBSERVED.

25X1D

25X1A

ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE CAB, 2 CRATE, 3 LIAISON-TYPE,
ONE HOUND, AND ONE POSSIBLE HARE.
N/S RUNWAY UNSERVICEABLE BECAUSE OF CONSTRUCTION
ON NORTHERN SECTION.

25X1D

25X1A

CORONEL PASCUAL AIRFIELD 2307N 08117W

AIRCRAFT -- NONE OBSERVED.

25X1D

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25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

AIRCRAFT -- 6 PROBABLE FISHBED, 10 PROBABLE
FAGOT/FRESCO, 3 PROBABLE CRATE, 3 PROBABLE CAB, 2
POSSIBLE COLT, 3 PROBABLE T-33, 2 PROBABLE T-6, AND
ONE PROBABLE SEA FURY OBSERVED ON VISIBLE AREAS OF
FIELD. SCATTERED CLOUDS AND OBLIQUITY
PRECLUDE FURTHER INTERPRETATION.

25X1D

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- 2 BRITANNIA, 3 CONSTELLATION,
5 C-46/47, 3 C-54, 3 CRATE, ONE PROBABLE
VANGUARD, ONE TWIN-ENGINE LIAISON, AND 2
SINGLE-ENGINE LIAISON.

25X1D

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- ONE PBY, 7 COLT, 40 LIAISON/TRAINER.
NINETEEN TRUCKS OBSERVED.

25X1D

PLAYA BARACOA AIRFIELD 2302N 08235W

AIRCRAFT -- 3 HARE, 53 HOUND, AND ONE C-47.
NO APPARENT CHANGE IN FACILITIES.

25X1D

MANAGUA AIRFIELD 2258N 08217W

AIRCRAFT -- NONE.

25X1D

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25X1A

JAIME GONZALES AIRFIELD 2209N 08025W

AIRCRAFT -- ONE CRATE.
RUNWAY IS SERVICEABLE. AAA SITE JUST EAST OF NNE/SSW
RUNWAY CONTAINS 5 PROBABLY OCCUPIED POSITIONS AND A
SIXTH POSITION UNDER CONSTRUCTION.

25X1D

25X1A

BAYAMO EAST AIRFIELD 2023N 07638W

AIRCRAFT -- 2 LIAISON.

25X1D

25X1A

TRINIDAD AIRFIELD 2147N 07959W

AIRCRAFT -- ONE HOUND AND ONE POSSIBLE HARE.

25X1D

-PORTS-

25X1A

CIENFUEGOS PORT 2209N 08027W

VESSELS -- ONE KASIMOV-CLASS FREIGHTER WITH FORWARD
AND AFT HATCHES OPEN AND 2 LIGHTERS ALONGSIDE, ONE
OTHER LARGE FREIGHTER WITH 2 FORWARD HATCHES OPEN
AND ONE LIGHTER AND 3 SMALL CRAFT ALONGSIDE, ONE
KRONSTADT-CLASS PC, ONE OTHER PC, AND 3 PT.

25X1D

25X1A

MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

SANTIAGO DE CUBA PORT 2001N 07550W

VESSELS -- 2 LARGE FREIGHTERS, ONE COASTAL FREIGHTER,
ONE LARGE TANKER, AND NUMEROUS SMALL CRAFT.

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NO MILITARY EQUIPMENT OBSERVED.

25X1D



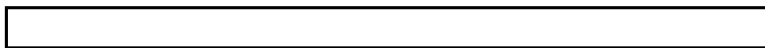
25X1A

CARDENAS PORT 2302N 08112W



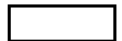
VESSELS -- ONE LARGE FREIGHTER OBSERVED IN CLOUD-FREE AREA. NO MILITARY EQUIPMENT IDENTIFIED.

25X1D



25X1A

CASILDA PORT 2145N 07959W



NO LARGE VESSELS OBSERVED. SCATTERED CLOUDS AND POOR IMAGE QUALITY LIMIT INTERPRETATION.

25X1D



25X1A

JUCARO PORT 2137N 07851W



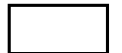
NO VESSELS OBSERVED IN PORT.
ONE ORENBURG OR OKHOTSK-CLASS FREIGHTER (4 HATCHES OPEN) IS ANCHORED APPROXIMATELY 5 NM SOUTH OF JUCARO AT 21-31N 078-52E. THREE LIGHTERS ARE ALONGSIDE. TWO LOADED LIGHTERS AND A TUG ARE MOVING SOUTH IN THE DIRECTION OF THIS FREIGHTER.
AN UNIDENTIFIED FREIGHTER APPEARS ANCHORED APPROXIMATELY 2.8 NM SW OF JUCARO. HATCHES ARE CLOSED AND NO ACTIVITY IS VISIBLE.

25X1D



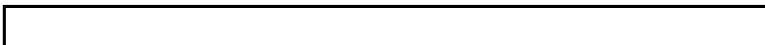
25X1A

MATANZAS PORT 2303N 08134W



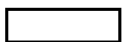
VESSELS -- 2 FREIGHTERS (INCLUDING ONE KRASNOGRAD-CLASS FREIGHTER AT NEW WHARF), ONE COASTAL TANKER, AND SEVERAL SMALL CRAFT OBSERVED.

25X1D



25X1A

HAVANA PORT 2308N 08221W



VESSELS -- 2 STANISLAVSKIY-CLASS FREIGHTERS (ONE AT HAVANA COAL WHARF NO 2 AND ONE AT WARD LINE NORTH

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SECRET

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25X1A

25X1A

WHARF), THE [REDACTED] (AUXILIAR MARITIMA WHARF), THE
[REDACTED] (UNITED FRUIT CO PIER), A LGOV-CLASS
FREIGHTER (UNITED FRUIT CO WHARF), 24 OTHER
FREIGHTERS, AND ONE TANKER. ALSO, ONE PF, 2 PC, ONE
PCE, AND 5 PT BOATS. A FREIGHTER-TRANSPORT IS
OBSERVED APPROXIMATELY 10 NM OFF THE APPROACHES
TO HAVANA HARBOR.

25X1D

[REDACTED]

-ELECTRONICS-

25X1A

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W [REDACTED]

NO APPARENT CHANGE IN FACILITIES.
THIRTEEN TRUCKS (6 WITH VANS) AND AT LEAST 7
UNIDENTIFIED VEHICLES ARE IN AREA.

25X1D

[REDACTED]

-MILITARY ACTIVITY-

25X1A

GUANTANAMO AREA 1 2005N 07523W [REDACTED]

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

[REDACTED]

25X1D

MANZANILLO AREA, MILITARY CAMP 2017N 07706W [REDACTED]

NINETEEN TANKS/SP GUNS AND AT LEAST 10 TRUCKS
OBSERVED.

[REDACTED]

25X1D

MINAS, AMMUNITION STORAGE AREA 2307N 08212W [REDACTED]

NO APPARENT CHANGE IN FACILITIES. PROBABLE
CANVAS-COVERED OBJECTS ARE NEAR ENTRANCES TO 3
BUNKERS.

[REDACTED]

25X1D

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25X1A

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

NO APPARENT CHANGE.

25X1D

25X1A

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

SCATTERED CLOUDS, OBLIQUITY, AND POOR IMAGE
QUALITY PRECLUDE INTERPRETATION.

25X1D

25X1A

TORRENS, MILITARY COMPLEX 2259N 08228W

NO APPARENT CHANGE SINCE

25X1D

25X1

MADRUGA, POL STORAGE 2256N 08149W

APPROXIMATELY 30 PROBABLE TANK TRUCKS AND
APPROXIMATELY 25 OTHER VEHICLES OBSERVED IN AREA.

25X1D

25X1A

LIMONAR AREA, MILITARY CAMP 2256N 08124W

NO APPARENT CHANGE IN FACILITIES OR VEHICLE
COUNT IN CLOUD-FREE AREAS.

25X1D

25X1A

EL CRISTO, MILITARY INSTALLATION 2007N 07546W

ELEVEN VEHICLES ARE IN AREA 2 NM NW OF TOWN AND 10
CARGO TRUCKS ARE IN AREA 4 NM NW OF TOWN.

25X1D

25X1A

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25X1A

LOMAS DE CRISTO, MILITARY AREA 2006N 07546W

NO MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

NO APPARENT CHANGE.

25X1D

25X1A

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

CAMP CONTAINS 3 TRUCKS WITH F/A PIECES, 7 OTHER VEHICLES, AND 5 UNIDENTIFIED PIECES OF EQUIPMENT.

25X1D

25X1A

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

NO APPARENT CHANGE.

25X1D

25X1A

HAVANA AREA, MILITARY CAMP 2301N 08218W

FIRST AREA -- NO APPARENT CHANGE IN FACILITIES.
SEVEN TANKS/SP GUNS ON ONE HARDSTAND, 5 POSSIBLE
TANKS/SP GUNS ON OTHER HARDSTAND.
SECOND AREA -- NO APPARENT CHANGE IN FACILITIES.
FOUR TRUCKS IN CLOUD-FREE PORTION.
THIRD AREA -- CONTAINS NUMEROUS BUILDINGS AND
TENTS SCATTERED THROUGHOUT AN AREA WHICH COVERS
APPROXIMATELY ONE SQUARE MILE. A PROBABLE VEHICLE
MAINTENANCE AREA IS LOCATED IN WOODED AREA. AT
LEAST 9 TANKS/SP GUNS ARE ON PREPARED HARDSTAND, AT
LEAST 15 VEHICLES/EQUIPMENT PARKED ON A SECOND
HARDSTAND, AND 9 TANKS/SP GUNS ON A THIRD HARDSTAND.

25X1D

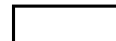
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NPIC/R-1149/63

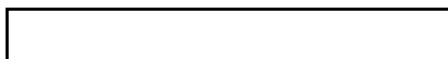
25X1A

SPECIAL AREA ALPHA 2258N 08227W



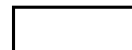
NO NEW MILITARY ACTIVITY OBSERVED.
(SEE TORRENS MILITARY COMPLEX).

25X1D



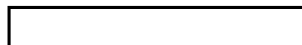
25X1A

SPECIAL AREA VICTOR 2300N 08234W



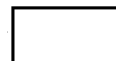
NO NEW MILITARY ACTIVITY OBSERVED.

25X1D



25X1A

LAS VILLAS AREA OF SPECIAL INTEREST 2146N 07959W



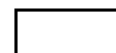
SEE ENSENADA COLORADO LANDING BEACH.
APPROXIMATELY 18 CANVAS-COVERED TANKS OR SP GUNS
ARE VISIBLE IN TANK PARK. EXTENSIVE TRACK ACTIVITY
NOTED IN AREA. FOUR FIRING POSITIONS ARE ON A RIDGE
JUST SOUTH OF TANK PARK. SCATTERED CLOUDS AND POOR
IMAGE QUALITY LIMIT INTERPRETATION.

25X1D



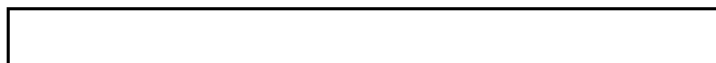
25X1A

SIBONEY LANDING BEACH 1957N 07542W



NO NEW MILITARY ACTIVITY OBSERVED.

25X1D



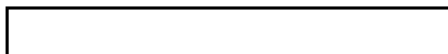
25X1A

PLAYA YATERITAS LANDING BEACH 1958N 07457W



NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



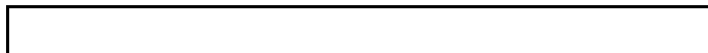
25X1A

TARARA LANDING BEACH 2310N 08212W



NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



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MATANZAS LANDING BEACH 2301N 08126W

25X1A

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

VARADERO LANDING BEACH 2308N 08118W

25X1A

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

CIENFUEGOS LANDING BEACH 2202N 08036W

25X1A

THREE 6-GUN UNOCCUPIED FA POSITIONS ARE APPROXIMATELY ONE NM EAST OF JURAGUA. ONE POSSIBLE RADAR AND ONE 6-GUN UNOCCUPIED PROBABLE FA POSITION ARE AT 22-04N 080-29-45W, AND ONE TRUCK IS ON BEACH ROAD AT 22-03N 080-30-30W. NO OTHER MILITARY ACTIVITY OBSERVED.

25X1D

MAR VERDE LANDING BEACH 1957N 07557W

25X1A

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

ENSENADA COLORADO LANDING BEACH 2202N 08025W

25X1A

EXTENSIVE TRENCHING IN PLAYA RANCHO LUNA AND PUNTA LUNA AREAS. A MILITARY AREA, LOCATED AT 22-04N 080-24W JUST EAST OF CIENFUEGOS SAM SITE, CONTAINS 2 SHED-TYPE BUILDINGS, 3 OTHER BUILDINGS, 2 TANKS/SP GUNS, 4 POSSIBLE TANKS/SP GUNS, AND EXTENSIVE TRENCHING.

25X1D

-MISCELLANEOUS ACTIVITY-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

25X1A

NO APPARENT CHANGE.

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25X1D



MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W



25X1

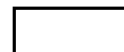
NO APPARENT CHANGE IN FACILITIES. THREE TRUCKS
PARKED ON LOOP ROAD.

25X1D



25X1A

BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W



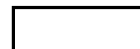
NO APPARENT CHANGE. AT LEAST 20 VEHICLES ARE IN
HEADQUARTERS AREA.

25X1D



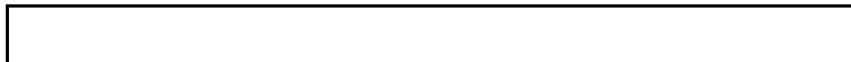
25X1A

LA ROSITA AREA, STORAGE INSTALLATION 2208N 08004W

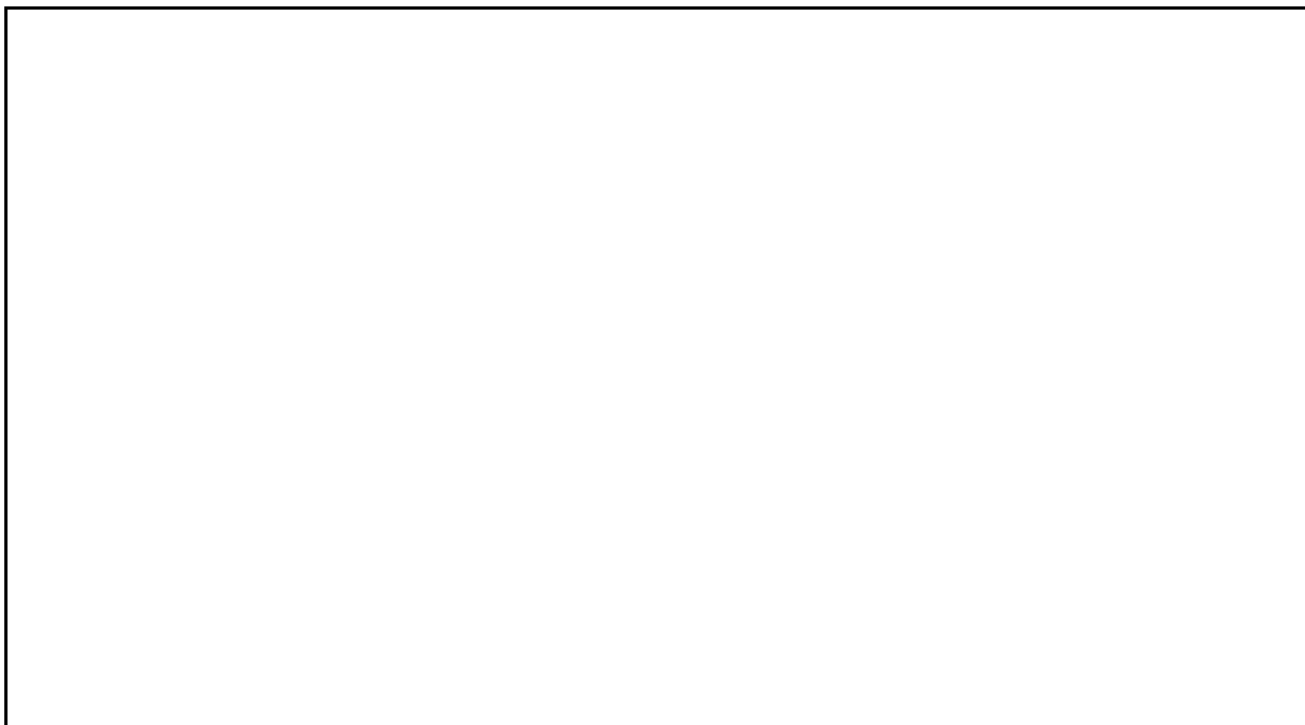


NO APPARENT CHANGE.

25X1D



25X1



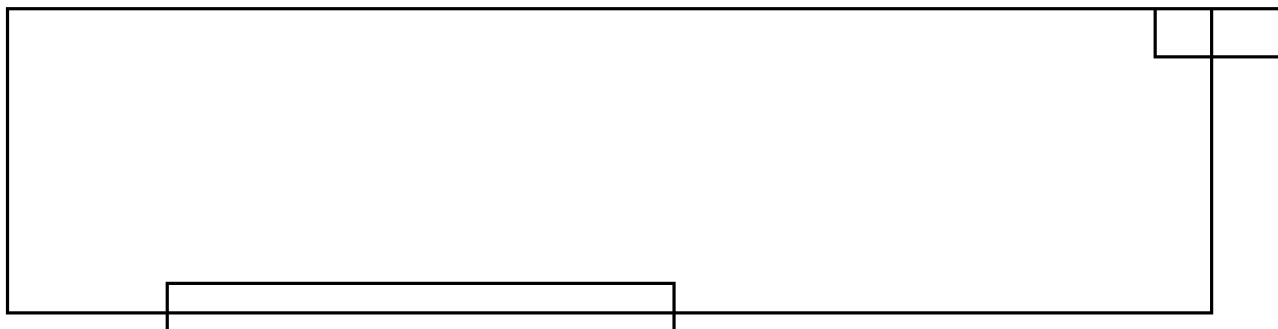
SECRET

SECRET

NPIC/R-1149/63

25X1A

25X1D



25X1A

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

NO MILITARY OR MISSILE-ASSOCIATED ACTIVITY
OBSERVED.

25X1D



25X1A

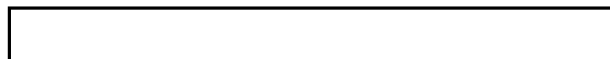
25X1D



25X1A

25X1A

25X1D



-STATUS OF OTHER TARGETS-

MISSION 3477 DOES NOT COVER ANY TARGETS WEST OF
83 DEGREES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED,

SECRET

SECRET

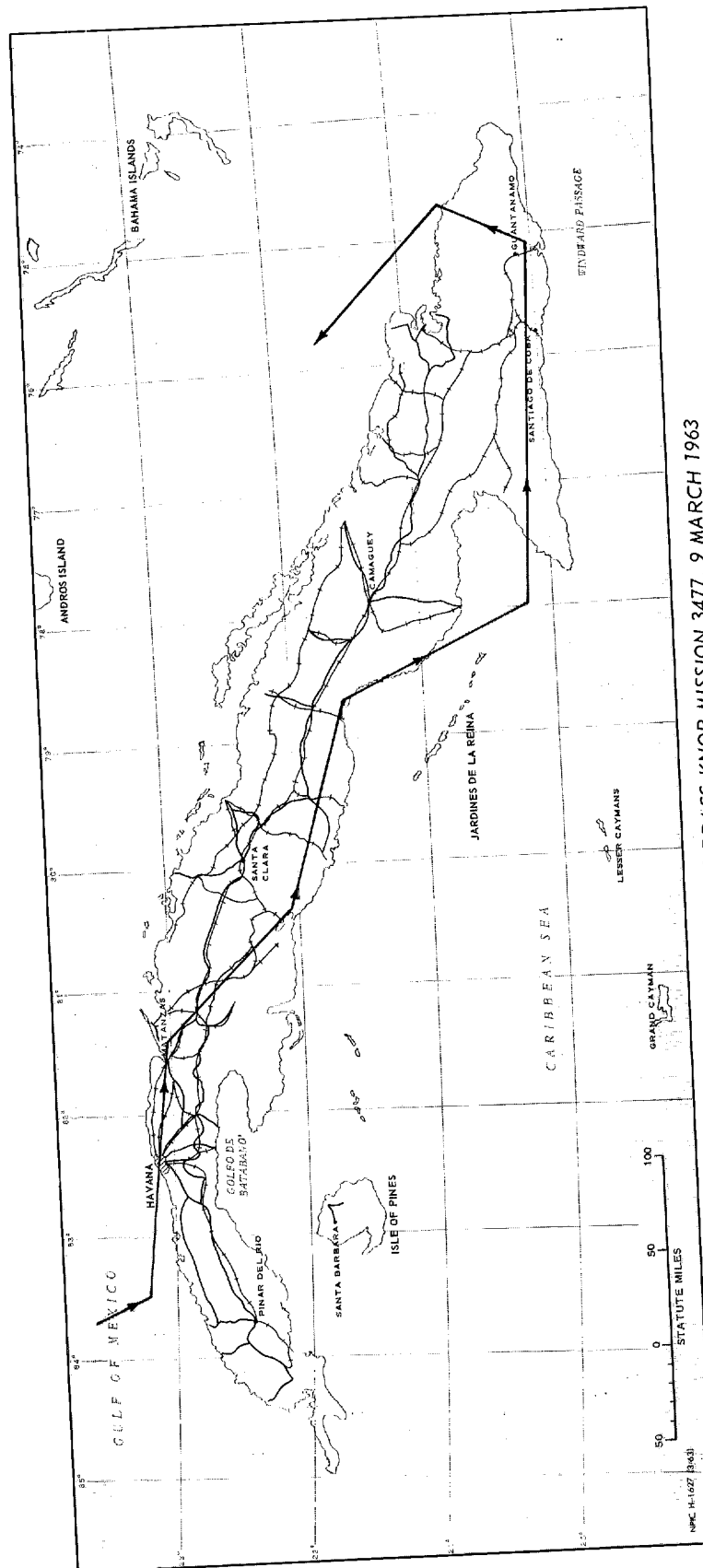
NPIC/R-1149/63

BUT NOT INTERPRETED --

25X1A

SANCTI SPIRITUS SAM SITE	2147N 07929W
CIEGO DE AVILA SAM ASSEMBLY AREA	2152N 07844W
MOA PORT	2039N 07454W
LA FLORA AREA, MILITARY STORAGE	2252N 08233W
SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP	2255N 08210W
MANAGUA, MILITARY CAMP	2258N 08217W
NAZARENO, MILITARY AREA	2258N 08214W
GUANABACOA, MILITARY AREA	2307N 08215W
SPECIAL AREA BRAVO BLUE	2250N 08233W
SPECIAL AREA BRAVO RED	2254N 08231W
MANICARAGUA AREA, EXPLOSIVES STORAGE SITE	2206N 07958W

SECRET



APPROXIMATE TRACK OF BRASS KNOB MISSION 3477, 9 MARCH 1963

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